

RECEIVED

FEB 26 2003

TECH CENTER 1600/2900

FORM PTO-1449 (modified)  
 To: U.S. Department of Commerce  
 (PM&S FORM PAT-1449)  
 Patent and Trademark Office

Atty. Dkt. No. M# Client Ref.

056291-5041

Z70472US3

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**

FEB 24 2003

Date: February 24, 2003

Page 1 of 6

**U.S. PATENT DOCUMENTS**

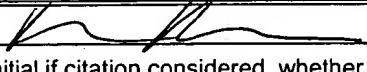
Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
BMR	3,557,142	01/1971	Bell			
	3,776,923	12/1973	Remers et al.			
	3,997,557	12/1976	Helsley et al.			
	4,608,384	08/1986	Wierzbicki et al.			
	4,529,724	07/1985	Ho.			
	4,721,725	01/1988	Biller et al.			
	4,751,231	06/1998	Halczenko et al.			
	4,965,369	10/1990	Maetzel et al.			
	5,190,968	03/1993	Gillard et al.			
BMR	5,254,563	10/1993	Huth et al.			

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available	
						Enclosed	No	Enclose No
BMR	KR	298 913 A5	03/1992	DE	Liebscher et al.	X		X
	LR	0 077 209	04/1983	EPA	Smith			
	MR	0 114 014	07/1984	EPA	Wierzbicki et al.		X	X
	NR	0 186 367	07/1986	EPA	Connor et al.			
	OR	0 189 690	08/1986	EPA	Baldwin et al.			
	PR	0 275 667	07/1998	EPA	Gillard et al.			
	QR	0 419 049 A1	03/1991	EPA	Prasit et al.			
	RR	0 480 659 A2	04/1992	EPA	Nakashima et al.			
BMR	SR	0 535 923 A1	04/1993	EPA	Prasit et al.			

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

BMR	TR	Berman et al., "Localization of Monocyte Chemoattractant Peptide-1 ... Autoimmune Encephalomyelitis and Trauma in the Rat", Journal of Immunology, 1996, Vol. 156, pp. 3017-3023; XP002105551 cited in the application, see the whole document			
	UR	Bobošík et al., "Synthesis of N-Phenylsulfonyl Protected Furo[3,2-b]pyrroles", Collect. Czech. Chem. Commun., Vol. 59, 1994, pp. 499-205			
BMR	VR	Kataoka et al., Chemical Abstracts, vol. 123, no. 14, 2 October 1995 Columbus, Ohio, US; abstract no. 179521d, Homopiperazines as cell migration inhibitors." Xp002081582 see abstract & JP 95 145060 A (TEJIN LTD)			

Examiner  Date Considered: 5/21/03

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

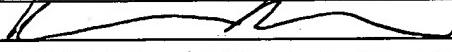
RECEIVED

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PM&S FORM PAT-1449) Patent and Trademark Office			Atty. Dkt. No.	M#	Client Ref. <b>FEB 26 2003</b> <b>TECH CENTER 1600/2900</b>
				056291-5041	Z70472/UST
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Applicant: KETTLE et al.		
<b>O I P E</b> <b>JC3434</b> <b>FEB 24 2003</b>			Appln. No.: 09/889,599		
Date: February 24, 2003			Page 2 of 6	Filing Date: October 19, 2001	Examiner: Robinson, B. Group Art Unit: 1614

U.S. PATENT DOCUMENTS		Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
<i>Robinson</i>	AR	5,272,145	12/1993	Prasit et al.		
	BR	5,273,980	12/1993	Frenette et al.		
	CR	5,288,743	02/1994	Brooks et al.		
	DR	5,290,798	03/1994	Gillard et al.		
	ER	5,308,850	05/1994	Gillard et al.		
	FR	5,389,650	02/1995	Frenette et al.		
	GR	5,399,699	03/1995	Kolasa et al.		
	HR	5,482,960	01/1996	Berryman et al.		
	IR	5,684,032	11/1997	Elliott et al.		
<i>Robinson</i>	JR	5,852,046	12/1998	Lang et al.		

FOREIGN PATENT DOCUMENTS						English Abstract	Translation Readily Available			
		Document Number	Date MM/YYYY	Country	Inventor Name		Enclosed	No	Enclose	No
<i>Robinson</i>	KR	0 535 924 A1	04/1993	EPA	Hutchinson et al.					
	LR	0 535 925 A1	04/1993	EPA	Hutchinson et al.					
	MR	0 535 926 A1	04/1993	EPA	Hutchinson et al.					
	NR	0 639 573 A1	02/1995	EPA	Lang et al.	X				
	OR	0 822 185 A1	02/1998	EPA	Dow et al.					
	PR	2 565 981	12/1985	France	Wierzbicki et al.	X				
	QR	WO 86/00896	02/1986	WIPO	Gold et al.					
	RR	WO 93/12780	07/1993	WIPO	McDonald et al.					
<i>Robinson</i>	SR	WO 93/16069	08/1993	WIPO	Frenette et al.					

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)					
<i>Robinson</i>	TR	Dandárová et al., "Reference Data", Magnetic Resonance in Chemistry, Vol. 28, 1990, pp. 830-831			
<i>Robinson</i>	UR	Korobchenko et al., Database Chemabs, Chemical Abstracts Service, Columbus, Ohio, US, AN: 119:62465, XP002105556, see abstract & "Synthesis and antiviral activity of pyrrolecarboxylic acids and their derivatives" KHIM.-FARM.ZH., vol. 26, no. 11-12, 1992, pages 57-59, see the whole document			

Examiner 	Date Considered: <i>SRI 103</i>
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

RECEIVED  
FEB 28 2003

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PM&S FORM PAT-1449) Patent and Trademark Office		Atty. Dkt. No.	M#	Client Ref.
			056291-5041	SEARCH CENTER 1800/2900
		Applicant: KETTLE et al.		
		Appln. No.: 09/889,599		
		Filing Date: October 19, 2001		
Date: February 24, 2003		Examiner: Robinson, B.	Group Art Unit:	1625
Page 3 of 6				

## U.S. PATENT DOCUMENTS

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
BMR	AR 5,955,492	09/1999	Thompson et al.			
	BR 6,184,235	02/2001	Connor et al.			
**	CR 6,288,103	09/2001	Faull et al.			
**	DR 6,441,004	08/2002	Faull et al.			
** BMR	ER 6,291,507	09/2001	Faull et al.			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
BMR	FR WO 93/20078	10/1993	WIPO	Ayer et al.				
	GR WO 93/25546	12/1993	WIPO	Frenette et al.				
	HR WO 94/14434	07/1994	WIPO	Elliott et al.				
	IR WO 96/03377	02/1996	WIPO	Birdsall et al.				
	JR WO 96/31492	10/1996	WIPO	Chan et al.				
	KR WO 96/33171	10/1996	WIPO	Artico et al.				
BMR	LR WO 97/12613	04/1997	WIPO	Cornicelli et al.				

## OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

BMR	MR	Elliott et al., Database Chemabs, Chemical Abstracts Service, Columbus, Ohio, US, STN, accession no. 125:142551, XP002094570, see abstract. RN 179526-39-7		
	NR	Deleuran et al., "Localization of monocyte chemotactic and activating factor (MCAF/MCP-1) in psoriasis", Journal of Dermatological Science, 1996, Vol. 13(3), pp. 228-236; XP002105554 cited in the application, see the whole document		
	OR	Derwent Abstract for JP 63284177 including Chemical Abstract Registry Records for specific compounds indexed		
	PR	Derwent and Chemical Abstracts for International Patent Application, Publication No. WO 92/04343		
	QR	Derwent World Patents Index record, JAPIO record and Chemical Abstract for Molecules (1997), 2(4), 69-79, including Chemical Abstract Registry records for specific compounds indexed		
BMR	RR	Grimm et al., "Enhanced expression and production of monocyte chemoattractant protein-1 in inflammatory bowel disease mucosa", Journal of Leukocyte Biology, 1996, vol. 59(6) pp. 804-812; XP002105555 cited in the application, see the whole document		

Examiner	Date Considered:	5/21/03
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.		

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PM&S FORM PAT-1449) Patent and Trademark Office			Atty. Dkt. No.	M#	Client Ref.
				056291-5041	Z70472/UST
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Applicant: KETTLE et al.		
			Appln. No.: 09/889,599		
			Filing Date: October 19, 2001		
Date: February 24, 2003			Page 4 of 6	Examiner: Robinson, B.	Group Art Unit: 1614

O P E S C  
FEB 24 2003

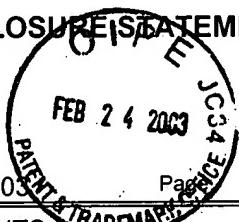
U.S. PATENT DOCUMENTS								
Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)			Class	Sub Class	Filing Date (if appropriate)
** BMR	AR 6,479,527	11/2002	Barker et al.					
	BR							
	CR							
	DR							
	ER							

FOREIGN PATENT DOCUMENTS						English Abstract		Translation Readily Available		
		Document Number	Date MM/YYYY	Country	Inventor Name		Enclosed	No	Enclose	No
BMR	FR	WO 97/12615	04/1997	WIPO	Trivedi et al.					
	GR	WO 97/30704	08/1997	WIPO	Amon et al.					
	HR	WO 97/35572	10/1997	WIPO	Thompson et al.					
	IR	WO 99/07678	09/1999	WIPO	Barker et al.					
BMR	JR	WO 99/33800	07/1999	WIPO	Defossa et al.					

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)					
BMR	KR	Harrison et al.; "Cyclopenta[b]indoles, Part 2. <sup>1</sup> Model studies towards tremorgenic mycotoxins"; Journal of Chemical Society; 1995, pp. 1131-1136; XP002105550 cited in the application, see page 1132, Scheme 3, compound 9			
	LR	Hartman et al., "The Synthesis of 5-alkylaminomethylthieno[2,3-b]pyrrole-5-sulfonamides", Heterocycles, Vol. 29, 1989, pp. 1943-1949			
	MR	Satoshi et al., Japanese Abstract N-Phenylsulfonylindole derivatives, JP 04273857 A2			
	NR	Jones et al., "Potential Role of Monocyte Chemoattractant Protein 1/JE in ... Alveolitis in the Rat", Journal of Immunology, 1992, Vol. 149(6), pp. 2147-2154; XP002105552 cited in the application, see the whole document			
	OR	Koch et al., Enhanced Production of Monocyte Chemoattractant Protein -1 in Rheumatoid Arthritis", Journal of Clinical Investigation, 1992, Vol. 90(3), pp. 772-779; XP002105553, cited in the application, see the whole document			
	PR	Krutosikova et al., "Condensed O-, N-Heterocycles by the Transformation of Azidoacrylates", Monatshefte für Chemie 123, 1992, pp. 807-815			
	QR	Krutošiková et al., "Derivatives of Furo[3,2-b]pyrrole", Collect. Czech. Chem. Commun., Vol. 59, 1994, pp. 473-481			
BMR	RR	Krutošiková et al., "Reactions of Methyl 2-Formylfuro[3,2-b]pyrrole-5-carboxylates", Chem. Papers. Vol. 50, 1996, pp. 72-76			

Examiner	<i>[Signature]</i>	Date Considered:	<i>5/21/03</i>
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PM&S FORM PAT-1449) Patent and Trademark Office		Atty. Dkt. No.	M#	Client Ref.
			056291-5041	Z70472/UST
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Applicant: KETTLE et al.		
		Appln. No.: 09/889,599		
		Filing Date: October 19, 2001		
Date: February 24, 2003		5 of 6	Examiner: Robinson, B.	Group Art Unit: 1614


**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR						
BR						
CR						
DR						
ER						

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
					Enclosed	No	Enclose	No
** BM	FR WO 99/40913	08/1999	WIPO	Barker et al.				
** /	GR WO99/40914	08/1999	WIPO	Barker et al.				
** /	HR WO 00/46198	08/2000	WIPO	Faull et al.				
** /	IR WO 00/46197	08/2000	WIPO	Faull et al.				
** /	JR WO 00/46199	08/2000	WIPO	Faull et al.				
** BM	KR WO 00/46195	08/2000	WIPO	Faull et al.				

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

BM	LR	Krutošiková et al., "Substituted Benzylfuro[3,2-b]pyrroles", Collect. Czech. Chem. Commun., Vol. 57, 1992, pp. 1487-1494						
	MR	Krutošiková et al., "Substituted Vinyl Azides in Synthesis of Furo[3,2-b:4,5-b]-dipyrroles and Pyrrolo[2',3':4,5]Furo[3,2-c]pyridines", Heterocycles, Vol. 37, No. 3, 1994, pp. 1695-1700						
	NR	Krutošiková et al., "Substituted Vinyl Azides in the Synthesis of Condensed Nitrogen Heterocycles", Chem. Papers, Vol. 48, 1994, pp. 268-273						
	OR	Krutošiková et al., "Synthesis and Reactions of Furo[3,2-b]pyrrole Type Aldehydes", Czech. Chem. Commun., Vol.58, 1993, pp. 2139-2149						
	PR	Murakami et al., "Direct Regioselective Vinylation of Indoles Using Palladium (II) Chloride", Heterocycles, 1984, Vol. 22, No. 7, pp. 1493-1496						
	QR	Rosenmund et al., "Decarboxylierungen einiger 1-Alkyl-2-carboxy-3-indolessigsäuren sowie Synthese eines 5-Thiocyanato-2,3-dihydroindols", Chemical Berichte, 1975, Vol. 108, pp. 3538-3542, XP-00909395			X		X	
BM	RR	Troschütz et al., "Synthesis of Substituted 4-Amino-4-cyano-1-oxo-1,2,5,10-tetrahydroazepinol[3,4-b]indoles", Journal of Heterocyclic Chemistry, Sept.-Oct. 1997, Vol. 34, pp. 1431-1440, XP-000909451						

Examiner	<i>[Signature]</i>	Date Considered:	<i>5/21/03</i>
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			

FORM PTO-1449 (modified) To: U.S. Department of Commerce (PM&S FORM PAT-1449) Patent and Trademark Office				Atty. Dkt. No.	M#	Client Ref.
					056291-5041	Z70472/UST
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Applicant: KETTLE et al.		
FEB 24 2003 U.S. PATENT AND TRADEMARK OFFICE				Appln. No.: 09/889,599		
Date: February 24, 2003				Filing Date: October 19, 2001		
6 of 6				Examiner: Robinson, B.	Group Art Unit:	1614

**U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
AR						
BR						
CR						
DR						
ER						

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract	Translation Readily Available
						Enclosed	No Enclose No
** <i>BMR</i>	FR	W0 00/46196	08/2000	WIPO	Faull et al.		
** <i>BMR</i>	GR	WO 01/51467	07/2001	WIPO	Faull et al.		
** <i>BMR</i>	HR	W0 01/51466	07/2001	WIPO	Faull et al.		
	IR						
	JR						

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

<i>BMR</i>	KR	Yokoyama et al., "New Synthetic Method for Dehydrotryptophan Derivatives. Synthetic Studies on Indoles and Related Compounds, XXXIV", Chemical and Pharmaceutical Bulletin, 1994, Vol. 42, No. 4, pp. 832-838					
<i>BMR</i>	LR	Yokoyama et al., "Palladium-catalyzed cross-coupling reaction: direct allylation of aryl bromides with allyl acetate" TETRAHEDRON LETTERS., vol. 26, no. 52 – 1985 pages 6457-6460, XP002081581 OXFORD GB * PAGE 6458-6459: compound 7 *					
	MR						
	NR						
	OR						
	PR						
	QR						
	RR						
	SR						
	TR						
	UR						
	VR						

Examiner <i>BMR</i>	Date Considered: <i>5/21/03</i>
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	